

REAL FIBRE PP FIBRE

REAL FIBRE is an engineered polypropylene fibre designed specifically for secondary reinforcing of concrete.

General Description

REAL FIBRE are true monofilaments that totally disperse into the concrete mix when added at the batch plant or at the job site.

REAL FIBRE is available in various length and denier to provide optimum strength, reduced cracking and long-term concrete durability.

Material	-	Polypropylene
Specific gravity	-	0.92
Alkali resistance	-	Excellent
Acid resistance	-	Excellent
Fibre length	-	19mm
Fibre count	-	Over 18.5 million per kg (0.6kg)
Fibre type	-	Monofilament
Density	-	2.37kg/m ³
Colour	-	White
Absorption	-	Nil
Tensile strength	-	75,000 psi(min) (517 MPa)
Modulus of elasticity	-	0.55 x 10 ⁶ psi (3793 MPa)
Ignition point	-	Over 1,000°F (538°C)
Melt point	-	325°F (163°C)
Electrical conductivity	-	Low
Dosage rate	-	0.6kg - 1.8kg / m ³
Standard dosage	-	0.6kg / m ³

Recommended For

- Footings, foundations, walls and tanks
- Concrete pipe, burial vaults and pre-stressed beams
- Flatwork of industrial, commercial and residential concrete projects

Advantages / Benefits

- Plastic Concrete
 - Reduces segregation
 - Minimizes bleed water
- Controls or eliminates plastic shrinkage cracks
- Provides three-dimensional reinforcing versus two-dimensional with wire mesh
 - Hardened Concrete
 - Reduces cracking
 - Increases strengths
 - Reduces permeability
 - Increases surface durability
- Other
 - Faster form removal, Reduces in-place cost versus concrete with wire mesh, Easy to use can be added to the concrete mix at any time prior to concrete placement

Recommended Dosage

REAL FIBRE can be added any time prior to placement of the concrete. It is recommended that it be added at the ready-mix concrete plant during batching as it works equally well when introduced at the job site. It must be mixed with the concrete for a minimum of 5 minutes at maximum drum speed to assure total dispersion and uniformity.

Recommended Dosage

REAL FIBRE is supplied in cartons (1 carton = 30 bags @ 0.6kg per bag)

Storage/Shelf Life

REAL FIBRE can be stored for 1 year in tightly sealed original bag.

Health and Safety Precaution

Inhalation: In case of discomfort, move to a ventilated area. **Skin Contact:** Flush skin thoroughly with water. **Eye Contact:** Flush eyes with water and carefully rinse under eyelids. If irritation persists, consult a physician. **Ingestion:** Immediately rinse mouth with water. Do not induce vomiting. If conditions worsen, consult a physician immediately.



STATEMENT OF RESPONSIBILITY

The technical information and application advice given above are based on the present state of our best scientific and practical knowledge. As the information above is of a general nature, no assumption can be made as to the suitability of the product for a particular application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of the product for their intended use.

Field service where provided, does not constitute supervisory responsibility. The owner, engineer or contractor may reject or modify any suggestions made by REAL POINT SDN BHD either orally or in writing since ultimately it is their responsibility and not REAL POINT SDN BHD for carrying out procedures appropriate to a specific application.

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